

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/AT 02/00058

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 F02P23/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F02P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC, COMPENDEX, IBM-TDB

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98 48221 A (EARLY JAMES W ;UNIV CALIFORNIA (US); LESTER CHARLES S (US)) 29 October 1998 (1998-10-29) page 5, line 7 -page 9, line 4 page 14, line 6 - line 9 page 17, line 13 -page 19, line 6 figures 1-3	1-10,14
A	US 4 852 529 A (VOWLES ROBERT W) 1 August 1989 (1989-08-01) abstract column 2, line 12 - line 28 column 2, line 45 - line 56 column 4, line 1 - line 5 column 5, line 3 -column 6, line 6 column 6, line 43 -column 7, line 4 figures	1-14

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

23 May 2002

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29/05/2002

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 36 00 255 A (TELEFUNKEN ELECTRONIC GMBH) 9 July 1987 (1987-07-09) the whole document ---	1-14
A	GB 2 080 877 A (NISSAN MOTOR) 10 February 1982 (1982-02-10) the whole document ---	1-14
A	DE 44 05 769 A (KEESMANN TILL) 28 September 1995 (1995-09-28) abstract page 3, line 56 -page 4, line 21 page 5, line 36 - line 52 figure 7 ---	1-14
A	PATENT ABSTRACTS OF JAPAN vol. 008, no. 116 (M-299), 30 May 1984 (1984-05-30) & JP 59 023081 A (NIPPON DENSO KK), 6 February 1984 (1984-02-06) abstract -----	1-14

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Information on patent family members

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